

Applicant: Dan Mielke, et al  
Serial No. 09/760,314  
April 17, 2003

Amendments to the Specification:

Please replace the first sheet of the application with the attached replacement sheet, providing reference to priority claimed for a provisional patent application.

Please replace the lines under the section titled BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS with the following rewritten lines:

- Figure 1 is a block diagram of a method for molding a vehicle hull.  
Figure 2 is a block diagram of a second method for molding a vehicle hull.  
Figure 3 is a cross sectional diagram of the top piece and the bottom piece of the vehicle hull of the preferred embodiment of the invention before the top mold and the bottom mold are placed together.

*R 2*  
Figure 4 is a cross section of the finished hull of the invention.  
Figure 5 is a cross section of the finished hull of the invention illustrating the hollow storage areas and the foam filled cavity. --  
Figure 6 is a detail of the cross section of Figure 5 illustrating the structural adhesive of the invention.

*R 3*  
[Please add the following new paragraph after the paragraph ending on line 4 of page 14.]

Figures 5 and 6 clearly illustrate a detailed cross section of the finished hull of the invention, shown in Figure 5 as 400. The top skin coat 402 and the bottom skin coat 404 are fused into a unitary piece. In Figure 6, the structural adhesive 500 between the top mating portion 406 and the bottom mating portion 408 is detailed. As shown, the bond formed by the structural adhesive 500 is clearly a structural bond, filling volume between the two mating portions. It is the structural bond which reduces or eliminates the need for stringers discussed above. As shown in Figure 5, one or more cavities 410 are formed in the unitary piece between the top skin coat

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402 and the bottom skin coat 404. As stated above, one or more of these cavities are preferably filled with foam to add strength and buoyancy. Moreover, the unitary piece can be formed within the top mold and the bottom mold as they are closed together and the structural bond forms. Furthermore, foam may be injected within the cavities of the unitary piece while it is within the closed molds after the structural bond forms.

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